EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENT

Volume XVII

1957

COLLEGE STATION, DURHAM, NORTH CAROLINA

EDUCATIONAL and PSYCHOLOGICAL MEASUREMENT

Editor.....G. Frederic Kuder

BOARD OF COOPERATING EDITORS

Dorothy C. Adkins
University of North Carolina

Louis D. Cohen
Duke University

Lee J. Cronbach
University of Illinois

Harold A. Edgerton
Richardson, Bellows, Henry and Co.

Max D. Engelhart
Chicago City Junior Colleges

E. B. Greene
Wayne University

J. P. Guilford
University of Southern California

E. F. Lindquist
State University of Iowa

Frederic M. Lord
Educational Testing Service

William B. Michael
University of Southern California

M. W. Richardson
Richardson, Bellows, Henry and Co.

John H. Rohrer
Tulane University

P. J. Rulon
Harvard University

David Segel
U. S. Office of Education

C. L. Shartle
Ohio State University

H. C. Taylor
The W. E. Upjohn Institute for Community Research

Thelma G. Thurstone
University of North Carolina

Herbert A. Toops
Ohio State University

E. G. Williamson
University of Minnesota

Ben D. Wood
Columbia University

Charles Wrigley
Michigan State University

Philosophy, Religion and Education

NT

ER

m-

INDEX FOR VOLUME XVII

BASS, BERNARD M. *Undiscriminated Operant Acquiescence*..... 83

BENDIG, A. W. *Validity of Kuder Differences among Honors Majors*..... 593

BRODY, DAVID S. *Kuder Interest Patterns of Professional Forest Service Men*..... 599

CATTELL, RAYMOND B. *Formulae and Table for Obtaining Validities and Reliabilities of Extended Factor Scales*..... 491

CLEVEN, WALTER A. (WITH B. J. MEADOR). *Punched-Card Calculation of the D Statistic*..... 142

COMREY, ANDREW L. *A Factor Analysis of Items on the MMPI Hypochondriasis Scale*..... 568

COMREY, ANDREW L. *A Factor Analysis of Items on the MMPI Depression Scale*..... 578

COMREY, ANDREW L. *A Factor Analysis of Items on the MMPI Hysteria Scale*..... 586

CROUCH, ROBERT G. (WITH GEORGE MANDLER AND GARDNER LINDZEY). *Thematic Apperception Test: Indices of Anxiety in Relation to Test Anxiety*..... 466

DRESSEL, PAUL L. *The Development of a Test of Uniqueness*..... 43

DRUCKER, ARTHUR J. *Predicting Leadership Ratings in the United States Army*..... 240

DUNNETTE, MARVIN D. (WITH AUSTIN C. HOGGATT). *Deriving a Composite Score from Several Measures on the Same Attribute*. 423

FISKE, DONALD W. *The Constraints on Intra-Individual Variability in Test Response*..... 317

FISKE, DONALD W. *An Intensive Study of Variability Scores*.... 453

FLEISHMAN, EDWIN A. *Factor Structure in Relation to Task Difficulty in Psychomotor Performance*..... 522

FRICKE, BENNO G. *A Coded Profile Method for Predicting Achievement*..... 98

FRUCHTER, BENJAMIN (WITH WILLIAM B. MICHAEL, J. P. GUILFORD, AND WAYNE S. ZIMMERMAN). *The Description of Spatial-Visualization Abilities*..... 185

GEHMAN, W. SCOTT. *A Study of Ability to Fake Scores on the Strong Vocational Interest Blank for Men*..... 65

GORDON, MARY AGNES. *Patterns of Mechanical Background and Aptitude*..... 408

GRIFFIN, HAROLD D. *Graphic Calculation of Kendall's Tau Coefficient*..... 281

GUILFORD, J. P. (WITH WILLIAM B. MICHAEL, BENJAMIN FRUCHTER, AND WAYNE S. ZIMMERMAN). *The Description of Spatial-Visualization Abilities* 185
GUTTMAN, LOUIS. *Empirical Verification of the Radex Structure of Mental Abilities and Personality Traits* 391
HALL, ROBERT C. *Occupational Group Contrasts in Terms of the Differential Aptitude Tests: An Application of Multiple Discriminant Analysis* 556
HELMSTADTER, GERALD C. *An Empirical Comparison of Methods for Estimating Profile Similarity* 71
HENDERSON, HAROLD L. *Predictors of Freshman Grades in a Long Island College* 623
HILLS, JOHN R. *Factor-Analyzed Abilities and Success in College Mathematics* 615
HOGGATT, AUSTIN C. (WITH MARVIN D. DUNNETTE). *Deriving a Composite Score from Several Measures of the Same Attribute* 423
JASTAK, JOSEPH (WITH MARTIN WHITEMAN). *Absolute Scaling of Tests for Different Age Groupings of a State-Wide Sample* 338
JONES, ROBERT A. (WITH WILLIAM B. MICHAEL). *An Empirical Study of Systematic Errors in Estimates of Item Difficulty Obtained from Use of Upper and Lower 27 Per Cent Criterion Groups* 131
JUOLA, ARVO E. *Leaderless Group Discussion Ratings: What Do They Measure?* 499
KLUGMAN, SAMUEL F. *A Study of the Interest Profile of a Psychotic Group, and its Bearing on Interest-Personality Theory* 55
KUDER, C. FREDERIC. *A Comparative Study of Some Methods of Developing Occupational Keys* 105
LINDZEY, GARDNER (WITH GEORGE MANDLER AND ROBERT G. CROUCH). *Thematic Apperception Test: Indices of Anxiety in Relation to Test Anxiety* 466
LORD, FREDERIC M. *Do Tests of the Same Length Have the Same Standard Errors of Measurement?* 510
LUBIN, ARDIE. *Some Formulae for Use with Suppressor Variables* 286
MCHUGH, RICHARD B. *Determining Sample Size in Validation Research* 136
MCQUITTY, LOUIS L. *Isolating Predictor Patterns Associated with Major Criterion Patterns* 3
MCQUITTY, LOUIS L. *Elementary Linkage Analysis for Isolating Orthogonal and Oblique Types and Typal Relevancies* 207
MAAG, CLINTON H. *Development and Evaluation of a Conceptual Reasoning Test* 230
MANDLER, GEORGE (WITH GARDNER LINDZEY AND ROBERT G. CROUCH). *Thematic Apperception Test: Indices of Anxiety in Relation to Test Anxiety* 466
MAXWELL, A. E. *Contour Analysis* 347

MAYO, GEORGE DOUGLAS (WITH DAVID S. THOMAS). *A Procedure of Applying Knowledge of Results to the Predictions of Vocational Counselors* 416
MEADOR, B. J. (WITH WALTER A. CLEVEN). *Punched-Card Calculation of the D Statistic* 142
MESSICK, SAMUEL J. *Metric Properties of the Semantic Differential* 200
MICHAEL, WILLIAM B. (WITH ROBERT A. JONES). *An Empirical Study of Systematic Errors in Estimates of Item Difficulty Obtained from Use of Upper and Lower 27 Per cent Criterion Groups* 131
MICHAEL, WILLIAM B. (WITH J. P. GUILFORD, BENJAMIN FRUCHTER, AND WAYNE S. ZIMMERMAN). *The Description of Spatial-Visualization Abilities* 185
MICHAEL, WILLIAM B. *Differential Testing of High-Level Personnel* 475
PARRISH, J. A. *The Prediction of Voluntary Resignation at Officer Candidate Schools* 606
PATTERSON, C. H. *Interest Tests and the Emotionally Disturbed Client* 264
PATTERSON, C. H. *Theories of Vocational Choice and the Emotionally Disturbed Client* 377
PATTERSON, C. H. *The Use of Projective Tests in Vocational Counseling* 533
RICHARDS, JAMES M., JR. *The Prediction of Academic Achievement in a Protestant Theological Seminary* 628
ROYCE, JOSEPH R. *Factor Theory and Genetics* 361
RYANS, DAVID G. *Research Designs for the Empirical Validation of Tests and Inventories* 175
THOMAS, DAVID S. (WITH GEORGE DOUGLAS MAYO). *A Procedure of Applying Knowledge of Results to the Predictions of Vocational Counselors* 416
TOWNER, LEONARD W. *A Factorial Investigation of Medical Students' Knowledge of Cancer at Different Levels of Training* 115
TRAVERS, ROBERT M. W. (WITH MILTON A. WHITCOMB). *A Study of Within-Test Learning Functions as a Determinant of Total Score* 86
WHITCOMB, MILTON A. (WITH ROBERT M. W. TRAVERS). *A Study of Within-Test Learning Functions as a Determinant of Total Score* 86
WHITEMAN, MARTIN (WITH JOSEPH JASTAK). *Absolute Scaling of Tests for Different Age Groupings of a State-Wide Sample*. 338